

# 5<sup>th</sup> Edition of International Vaccines Congress

Theme: From Discovery to Distribution: The Path  
of Vaccines

23-25<sup>TH</sup>  
OCTOBER  
2025

## Our OCMs



**KHURSHIED ANWER**  
IMUNON, United States



**REZA NASSIRI**  
BioMarketing Insight, United States



**MADHU KHANNA**  
University of Delhi, India

## Scientific TOPICS

- Advances in Vaccine Research and Development
- Mechanisms of Vaccine Action & Immune Response
- Novel Vaccine Delivery Systems
- Vaccine Adjuvants and Immunomodulators
- Live-Attenuated, Inactivated & Subunit Vaccines
- Synthetic and Peptide Vaccines
- Conjugate Vaccines
- mRNA and DNA-Based Vaccines
- Toxoid Vaccines
- Viral Vaccines
- Bacterial Vaccines
- Parasitic Vaccines
- Cancer Vaccines and Immunotherapy
- COVID-19 Vaccines: Lessons & Future Applications
- Vaccines for Emerging and Re-emerging Infectious Diseases
- Neglected Tropical Disease (NTD) Vaccines

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**VENUE**

Hilton Garden Inn Lake Buena  
Vista/Orlando 11400 Marbella  
Palm Ct, Orlando, FL 32836,  
United States | Hybrid Event

## Keynote Presentation

**Khursheed Anwer, IMUNON, United States**

Title: A promising novel approach to DNA vaccines

**Regina Au, BioMarketing Insight, United States**

Title: The importance of post-marketing surveillance and real-world data: For a product to be successful

**Madhu Khanna, University of Delhi, India**

Title: Prophylactic and molecular approaches for mitigating human influenza A viruses: i. Evaluating influenza vaccine effectiveness in the older population ii. Down-regulation of influenza virus genes with novel sirna-chimeric-ribozyme constructs

## Oral Presentation

**Lara Isis Teodoro, Mayo Clinic, United States**

Title: Homology analysis of MPXV and VACV peptides underscores the need to consider both MPXV clades for vaccine development

**Lara Isis Teodoro, Mayo Clinic, United States**

Title: High seroprevalence of RSV antibodies in adults indicates potential undetected transmission and requires further public health assessment

**Jesse Kuiper, Merck Research Laboratories, United States**

Title: Evaluating the immunogenic impact of process impurities in mRNA vaccine production: Establishing integrated control strategies and specifications

**Ashley Prout, Merck, United States**

Title: Capillary electrophoresis for adjuvanted multivalent recombinant vaccine purity determination

**Ahmed Abdulazeez, Ahmed Abdulazeez**

Title: The role of immunity in the pathogenesis of SARS-COV-2 and in the protection generated by COVID-19 in different age groups

**Elena Chiappini, University of Florence, Italy**

Title: Tubercular disease in children: Optimizing treatment strategies through disease insights

**Ayesha Zahid, Griffith University, Australia**

Title: Development of a novel multi-component vaccine to address the burden of otitis media in high-risk populations

**Faure Quentin, The Savoie Metropolitan Hospital Center, France**

Title: Hypersensitivity and anti-SARS-COV-2 vaccination: A retrospective study of the year 2021 at the University Hospital Center of Tours (France)

**Livia Daflon Silva, Federal University of State of Rio de Janeiro, Brazil**

Title: Racial disparities in pediatric pneumonia in Brazil: The role of structural racism forging inequalities in access to vaccines

**Delia Teresa Sponza, Delia Teresa Sponza**

Title: Advances in vaccines: Revolutionizing disease prevention

**Eric Tsao, Synermore Biologics, China**

Title: SYN023 mAb cocktail for rabies prophylaxis

**Yacob Mathai, Marma Health Centre, India**

Title: Why is the vaccine life-threatening if people get a fever after a COVID-19 vaccination

**K R Aneja, Kurukshetra University, India**

Title: Immunosuppression in COVID-19 patients and emerging fungal infections: Vaccines, diagnosis and strategies to treat comorbidities

**Neha Bhandari, Chitkara University, India**

Title: AI-powered diagnostics for vaccine-induced immune responses in neurodegenerative disorders

**Aghapy Yermans Yakoup, Zewail City of Science and Technology, Egypt**

Title: Characterization, antibacterial, and cytotoxic activities of silver nanoparticles using the whole biofilm layer as a macromolecule in biosynthesis

**Manuel Antonio Sierra Santos, Central American Technological University, Honduras**

Title: Post COVID-19 syndrome is associated with sex and severity of first COVID-19 episode in Honduras

**Yousfi Tarek, Nationale Research for Biotechnology Research Center, Algeria**

Title: Targeting resistance: New 4-substituted pyrazolidine and isoxazolidine as antibiotics with interesting antimicrobial activities

**Negar Seyed, Pasteur Institute of Iran, Iran (Islamic Republic of)**

Title: New biomarkers in leishmania major vaccine development

**Elliot Nyagumbo, Midlands State University, Zimbabwe**

Title: Approaches towards developing and establishing a biomanufacturing research & development, and manufacturing industry in Zimbabwe: A review of the need, potential funding sources, policy development and implementation

**Anifrid Thomson Mahenge, NIMR-Mbeya Medical Research Center, Tanzania, United Republic of**

Title: Co-infection of high-risk human papilloma virus with hepatitis B virus, C.trachomatis and N.gonorrhea in young Tanzanian women

### Oral presentations available

**Labone Akter, Betty Irene School of Nursing, United States**

Title: Hybrid flagellin-hepatitis b virus-like particle and mRNA-based universal influenza

**Kirinpreet Sibia, University of California, United States**

Title: Increasing HPV vaccination awareness through healthcare staff education

**Cameliya Sinha Roy, McGill University, Canada**

Title: An overview of novel SARS\_CoV-2 variant, NB.1.8.1 and its future perspectives

**Nathalia Lucas da Silva Andrade, Universidad Nacional de Cordoba, Argentina**

Title: Silver and gold bimetallic nanoparticles as an innovative bacterial vaccine platform against infections caused by ESKAPE group species

**Yen Hung Chow, National Health Research Institutes, Taiwan**

Title: Development of a broad-spectrum vaccine against enterovirus based on adenovirus expression viral-like particles

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**Junmei Zhang, WuXi AppTec, China**

Title: Establishment of a high-throughput fluorescent antibody-to-membrane antigen assay to measure the humoral immune response against the varicella-zoster virus

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**Swarandeeep Singh, All India Institute of Medical Sciences, India**

Title: Immunogenicity and Cryo-EM structure of native-like HIV-1 Clade-C envelope trimers derived from a pediatric elite-neutralizer

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**Tripathi Manish, All India Institute of Medical Sciences, India**

Title: Exploring a novel interaction between the human malaria parasite plasmodium vivax and reticulocyte protein

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**Mzilem Sabrine, FST, Tunisia**

Title: Ten years of Hib vaccination in Tunisia: Epidemiological trends and emerging challenges

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**Temesgen Azemeraw Yitayew, Addis Ababa University, Ethiopia**

Title: Home-based HPV self-sampling assisted by a cloud-based electronic data system: Lessons learnt from a pilot community cervical cancer screening campaign in rural Ethiopia, May 2020

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**Attahir Abubakar, Ahmadu Bello University, Nigeria**

Title: Awareness and acceptability of rotavirus vaccine among mothers of under-five children in Gusau and Bungudu communities of Zamfara State, Northwestern Nigeria

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*Poster presentations available*

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